OIPE

RAW SEQUENCE LISTING DATE: 05/14/2002
PATENT APPLICATION: **US/09/982,464** TIME: 14:59:20

Input Set : **N:\Crf3\RULE60\09982464.txt**
Output Set: **N:\CRF3\05142002\I982464.raw**

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      3 <110> APPLICANT: Huse, William
      4       Watkins, Jeffry
      5       Wu, Herren
      7 <120> TITLE OF INVENTION: Methods of Optimizing Antibody Variable Region Binding
Affinity
      9 <130> FILE REFERENCE: AME-06352
     11 <140> CURRENT APPLICATION NUMBER: 09/982,464
     12 <141> CURRENT FILING DATE: 2002-04-16
     14 <150> PRIOR APPLICATION NUMBER: 09/434,870
     15 <151> PRIOR FILING DATE: 1999-11-04
     17 <150> PRIOR APPLICATION NUMBER: 60/159,689
     18 <151> PRIOR FILING DATE: 1999-10-14
     20 <160> NUMBER OF SEQ ID NOS: 4
     22 <170> SOFTWARE: PatentIn version 3.0
     24 <210> SEQ ID NO: 1
     25 <211> LENGTH: 107
     26 <212> TYPE: PRT
     27 <213> ORGANISM: Mus musculus
     29 <400> SEQUENCE: 1
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     35             20                  25                  30
     37 Leu His Trp Tyr Gln Gln Lys Ser His Glu Ser Pro Arg Leu Leu Ile
     38         35                  40                  45
     40 Lys Tyr Ala Ser His Ser Ile Ser Gly Ile Pro Ser Arg Phe Ser Gly
     41     50                  55                  60
     43 Ser Gly Ser Gly Ser Asp Phe Thr Leu Ser Ile Asn Ser Val Glu Pro
     44 65                  70                  75                  80
     46 Glu Asp Val Gly Ile Tyr Tyr Cys Gln His Gly His Ser Phe Pro Arg
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     53 <211> LENGTH: 107
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     63             20                  25                  30
     65 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
     66         35                  40                  45
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68 Tyr Asp Ala Ser Asn Arg Ala Thr Gly Ile Pro Ala Arg Phe Ser Gly
69     50                  55                  60
71 Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Glu Pro
72 65                  70                  75                  80
74 Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Arg Ser Asn Trp Pro Leu
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78             100                 105
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91             20                  25                  30
93 Gly Met Gln Trp Val Gln Glu Met Pro Gly Lys Gly Leu Lys Trp Ile
94         35                  40                  45
96 Gly Trp Ile Asn Thr His Ser Gly Val Pro Lys Tyr Val Glu Asp Phe
97     50                  55                  60
99 Lys Gly Arg Phe Ala Phe Ser Leu Glu Thr Ser Ala Asn Thr Ala Tyr
100 65                  70                  75                  80
102 Leu Gln Ile Ser Asn Leu Lys Asn Glu Asp Thr Ala Thr Tyr Phe Cys
103                 85                  90                  95
105 Val Arg Ser Gly Asn Gly Asn Tyr Asp Leu Ala Tyr Phe Ala Tyr Trp
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122             20                  25                  30
124 Ala Met Asn Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
125         35                  40                  45
127 Gly Trp Ile Asn Thr Asn Thr Gly Asn Pro Thr Tyr Ala Gln Gly Phe
128     50                  55                  60
130 Thr Gly Arg Phe Val Phe Ser Leu Asp Thr Ser Val Ser Thr Ala Tyr
131 65                  70                  75                  80
133 Leu Gln Ile Ser Ser Leu Lys Ala Glu Asp Thr Ala Val Tyr Tyr Cys
134                 85                  90                  95
136 Ala Arg Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser
137             100                 105                 110
139 Ser
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VERIFICATION SUMMARY DATE: 05/14/2002
PATENT APPLICATION: **US/09/982,464** TIME: 14:59:21

Input Set : **N:\Crf3\RULE60\09982464.txt**
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